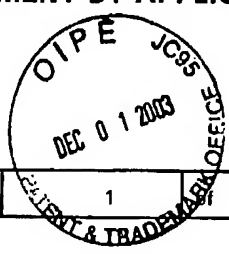


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/661,329	
		Filing Date	September 12, 2003	
		First Named Inventor	Allan L. Louderback	
		Art Unit		
		Examiner Name		
Sheet	1	4	Attorney Docket Number	ALL001



U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number Number - kind code (if known)	Patent Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>AN</i>	01	4,305,871	12-15-81	Shanbrom	Abstract, Example 1, Claim 1
<i>m</i>	02	4,314,997	02-09-82	Shanbrom	Abstract, First paragraph following Description of Invention, Claim 1
<i>m</i>	03	4,315,919	02-16-82	Shanbrom	Abstract, Claim 1
<i>m</i>	04	4,412,985	11-01-83	Shanbrom	Abstract, Claim 1
<i>m</i>	05	4,481,189	11-06-84	Prince	Abstract, See first paragraph of Discussion of Prior Art eighth paragraph of same section
<i>m</i>	06	4,591,505	05-27-86	Prince	Abstract, Division of 4,481,189
<i>m</i>	07	4,764,369	08-16-88	Neurath, et al.	See abstract, prior art discussion
<i>m</i>	08	4,833,165	05-23-89	Louderback	See Details of Invention, Claim 1
<i>m</i>	09	4,909,940	03-20-90	Horowitz	Abstract, Background, Claim 1
<i>m</i>	10	5,094,960	03-10-92	Bonomo	Abstract, Claim 1
<i>m</i>	11	5,120,649	06-09-92	Horowitz, et al.	Abstract, Claim 1
<i>m</i>	12	5,186,945	02-16-93	Shanbrom	See Abstract, Claim 1
<i>m</i>	13	5,648,472	07-15-97	Gehring, et al.	See Abstract, Claim 1
<i>m</i>	14	6,372,216	04-16-02	Piazza	See Abstract, See last paragraph before claims
<i>m</i>	15	6,468,733	10-22-02	Nur, et al.	See Abstract, Claim 1
<i>m</i>	16	6,514,987	02-04-2003	Cook, et al.	See Abstract, Claim 1









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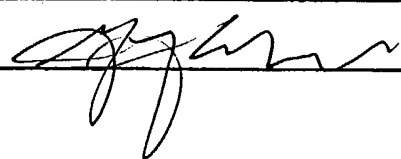
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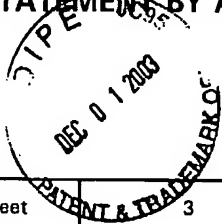
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		Examiner Name	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	#	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or county where published
	01	AGER, A.; ANDERSON, SL; LOUDERBACK AL; MILHOUS, WK; Formaldehyde/Detergent Solution Prevents Blood Borne Transmission of [Plasmodium] Infection in a Mouse Model, <i>American Society of Tropical Medicine and Hygiene</i> , Abstract Submission Form, Annual Meeting, 1991
	02	EHUD BEN-HUR, BERNARD HOROWITZ, Virus Inactivation in Blood, Editorial Review, <i>AIDS</i> 1996, 10:1183-1190, Rapid Science Publishers ISSN 0269-9370.
	03	CHEN, SX; HAMMOND, DJ; LANG, JM; LEBING, WR; Purification of α , Proteinase Inhibitor from Human Plasma Fraction IV-1 by Ion Exchange Chromatography; <i>Vox Sanguinis</i> , 1998: 74(4): 232-241.
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	05	HIGHSMITH, F; XUE, H; CHEN, X; BENADE, L; OWENS, J; SHANBROM, E; DROHAN, W; Iodine-mediated Inactivation of Lipid- and Nonlipid-enveloped Viruses in Human Antithrombin III Concentrate; <i>Blood</i> , Volume 86, No. 2 (July 18, 1995); pages 791-796
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	08	HOROWITZ, B; PRINCE, AM; HAMMAN, J; WATKLEVICZ, C; Viral Safety of Solvent/Detergent-treated Blood Products; <i>Blood Coagul. Fibrinolysis</i> . 1994 Dec; 5 Suppl 3: S21-28. See Abstract for safety of S/D products; page S22 for viral safety in formal clinical trials and Tables 1 and 2.

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Substitute for form 1449A/PTO (Replication)

**INFORMATION DISCLOSURE
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Application Number	10/661,329
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




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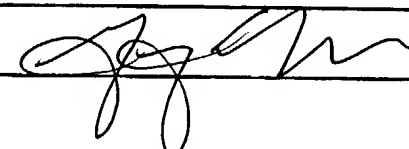
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Examiner Initials	#	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or county where published	
	09	HOROWITZ, B; Pathogen Inactivated Transfusion Plasma: Existing and Emerging Methods, a proceedings paper from <i>Vox Sanguinis (Vox Sang 2002; 83, (Suppl. 1): 429-436</i>	
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	11	HOROWITZ, B; LAZO, A; GROSSBERG, H; PAGE, G; LIPPIN, A; SWAN, G.; Virus Inactivation by Solvent/Detergent Treatment and the Manufacture of SD-Plasma; <i>Vox Sanguinis, Lunch Symposium Paper; Vox Sang. 1998, 74, Suppl. 1;: 203-206.</i>	
	12	HOROWITZ, B; PRINCE, AM; HAMMAN, J; WATKLEVICZ, C; Viral Safety of Solvent/Detergent-treated blood products - ABSTRACT; <i>Dev Biol Stand. 1993;81: 147-161.</i>	
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	14	LEBING, WR; HAMMOND, DJ; WYDICK, JE III; BAUMBACH, GA; A Highly Purified Antithrombin III Concentrate Prepared from Human Plasma Fraction IV-1 by Affinity Chromatography; <i>Vox Sanguinis, Vox Sang., 1994; 67(2): 117-124.</i>	
	15	LEBING, W; REMINGTON, KM; SCHREINER, C; PAUL, I; Properties of a New Intravenous Immunoglobulin (IGIV-C, 10%) Produced by Virus Inactivation with Caprylate and Column Chromatography; copyright Blackwell Publishing, Ltd., <i>Vox Sanguinis (2003): 84(3), 193-201.</i>	
	16	LEE, DC; STENLAND, CJ; MILLER JLC; CAI, K; FORD, EK; GILLIGAN, KJ; HARTWELL, RC; TERRY, JC; RUBENSTEIN, R; FOURNEL, M; PETTEWAY SR Jr.; A Direct Relationship between the Partitioning of the Pathogenic Prion Protein and Transmissible Spongiform Encephalopathy Infectivity during the Purification of Plasma Proteins; <i>Transfusion, 2001: 41(4): 449-455.</i>	
	17	LOUNDERBACK, A; A Protocol for Sterilization of Blood for Transfusion; Oral presentation at the 5 th National Forum on AIDS, Hepatitis and other Blood Borne Diseases; CDC Meeting, Atlanta, GA on March 30, 1992.	

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	18	LOUDERBACK, A; Sterilization of Red Blood Cells for Transfusion; <i>Speech at 45th AABB Meeting in San Francisco, November 11, 1992.</i>			
	19	MILLER, JLC; PETTEWAY, SR Jr; LEE, DC; Ensuring the Pathogen Safety of Intravenous Immunoglobulin and Other Human Plasma-derived Therapeutic Proteins; <i>Journal of Allergy Clinical Immunology, October 2001 V. 108, pages S91-4 (Figure S92).</i>			
	20	ROBINSON, S; SCHWINN, H; JOSIC, D; NUR, I; STRADLER, M; BAL, F; GEHRINGER, W; SCHUTZ, R; Development and Biochemical Characterization of a Double-virus-inactivated Factor VIII Preparation, <i>Blood Coagulation and Fibrinolysis, Vol 6, Suppl. 2, 1995, copyrighted by Rapid Science Publishers; pages S40-47.</i>			
	21	SCHWINN, H; STADLER, M; JOSIC, DJ; BAL, F; GEHRINGER, W; NUR, I; SCHÜTZ, R; A Solvent 1 Detergent Treated, Pasteurised and Highly Purified Factor VIII Concentrate; <i>Arzneim.-Forsch./Drug Res. 44(II), Nr. 2 (1994) pages 188-191 (English and German).</i>			
	22	STENLAND, CJ; LEE, DC; BROWN, P; PETTEWAY SR Jr.; RUBENSTEIN, R; Partitioning of Human and Sheep Forms of the Pathogenic Prion Protein during the Purification of Therapeutic Proteins from Human Plasma, <i>Transfusion, Volume 42(11), November 2002, pages 1497-1500.</i>			
	23	TREJO, SR; HOTTA, JA; LEBING, W; STENLAND, C; STORMS, RE; LEE, DC; PETTEWAY, LS Jr.; REMINGTON, KM; Evaluation of Virus and Prion Reduction in a New Intravenous Immunoglobulin Manufacturing Process; <i>Vox Sanguinis (2003) 84, 176-187, copyrighted by Blackwell Publishing, Ltd.</i>			
	24	PRINCE, AM; Blood Products; <i>Nature. 1996 Jan 4; 379 (6560):14. See entire article</i>			
	25	CAI, K; MILLER, JL; STENLAND, CJ; GILLIGAN, KJ; HARTWELL, RC; TERRY, JC; EVANS-STORMS, RB; RUBENSTEIN, R; PETEWAY, SR Jr.; LEE, DC; Solvent-dependent Precipitation of Prion Protein. <i>Biochimica et Biophysica Acta. 2002 May 20; 1597(1): 28-35. See Abstract plus page 32 (Figure 4) and Page 33 (Figures 5 and 6).</i>			

Examiner Signature		Date Considered	11/18/04
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